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|------|--------|-------|-----------------------------|-----------------------|
| Dist | COUNTY | ROUTE | POST MILES TOTAL PROJECT | SHEET TOTAL SHEETS |
| | | | | |

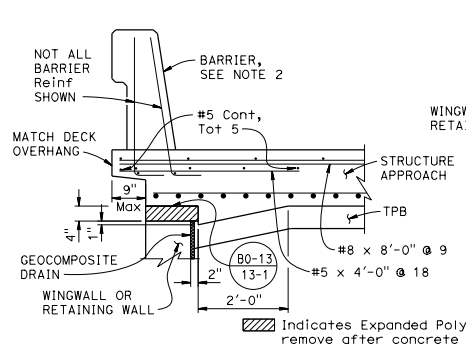
REGISTERED CIVIL ENGINEER

May 31, 2018

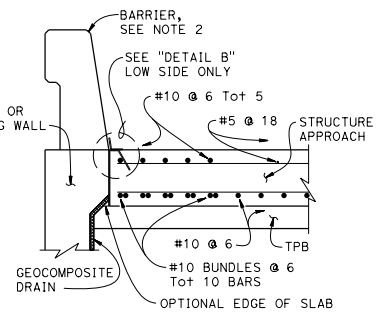
PLANS APPROVAL DATE

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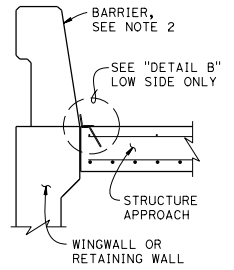
C.J. Sims
No. C46471
Exp. 6-30-19
CIVIL
REGISTERED PROFESSIONAL ENGINEER
STATE OF CALIFORNIA



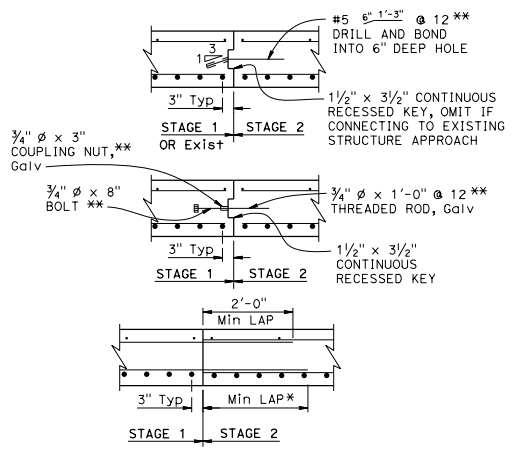
DETAIL X-1
TYPE E-1



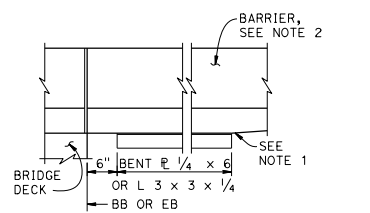
DETAIL X-2
TYPE E-2



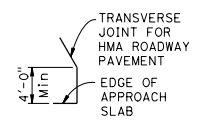
DETAIL X-2
TYPE R (10) & EQ



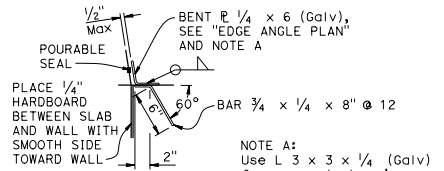
DETAIL X-3
LONGITUDINAL CONSTRUCTION JOINT ALTERNATIVES



DETAIL X-4
BAR CHAIR DETAIL

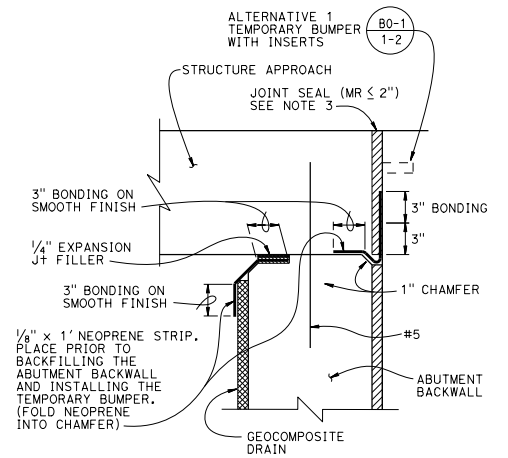


DETAIL A



DETAIL B

NOTE A:
Use L 3 x 3 x 1/4 (Galv) for concrete barrier or curb with vertical face.



DETAIL C

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

**STRUCTURE APPROACH
SLAB DETAILS**

NO SCALE

- NOTES:**
1. End the plate or edge angle at beginning of barrier transition, end of wingwall or end of structure approach as applicable.
 2. Solid concrete barrier shown, details similar for all concrete and standard post-beam barriers.
 3. Joint protection details shown for MR \leq 2". Details similar when joint seal assembly is required.

LEGEND:

* Min lap splice for bottom Reinf in Freeze-Thaw Area shall be 3'-6".

** Threaded Rods and Dowels in Freeze-Thaw Area shall be stainless steel.